<u>Remarks</u>

This is in response to the final Office Action mailed on August 11, 2005 and the Advisory Action mailed on January 26, 2006. Claims 1, 7, 13, and 19 are amended, and claims 31-34 are added. No new matter is added. Claims 1, 2, 7, 8, 13, 14, and 19-34 remain pending. Reconsideration and allowance are requested in view of the following remarks.

I.   Claim Amendments

Claims 1, 7, 13, and 19 are broadened by removing limitations that are incorporated into new dependent claims 31-34, respectively. Consideration and entry of the amendments and new claims are requested.

II.   Claim Rejections - 35 U.S.C. § 103

In Section 5 of the Office Action, claims 1, 2, 7, 8, 13, 14, and 19-27 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Fowlow et al., U.S. Patent No. 6,189,138, in view of Goldberg et al., U.S. Patent No. 6,571,232. This rejection is respectfully traversed, and the correctness of this rejection is not conceded. Reconsideration is requested for at least the following reasons.

Claim 1 is directed to a method of creating programmable data objects. Claim 1 recites identifying data schema associated with the server processing resource added to the programmable data object in response to the server processing resource being dropped in the visual design surface module. Claim 1 further recites creating a typed dataset containing data structures corresponding to the data schema associated with the server processing resource.

It is advantageous to automate the identification of data schema and creation of a typed dataset in response to a server processing resource being dropped into the visual design surface module so that relationships for the data exchanged between the server processing resource and the underlying database are configured efficiently and accurately.

There is no motivation to combine Goldberg with Fowlow for the following reasons.

Fowlow is directed at a tool that is used to graphically assembly objects distributed across a network to create a new implementation of an object. Fowlow, col. 6, lines 28-37. Fowlow fails to disclose a database, a schema, or a system for providing access to a database schema.

The Action concedes that Fowlow fails to disclose identifying data schema and creating a typed dataset, as recited by claim 1.

The Action cites Goldberg for disclosing these limitations. Goldberg is directed at a system for browsing database schema information. Goldberg, col. 3, lines 26-36. The Action states that one skilled in the art at the time of would have been motivated to combine Goldberg with Fowlow because Fowlow discloses a composition builder 404 including an inventory of software resources available to the programmer that provides "detailed information about the objects and software that are available for [the programmer's] use." Fowlow, col. 9, ll. 38-55. Fowlow fails to disclose or suggest that it would be desirable to identify data schema as part of the detailed information in the catalog. In fact, Fowlow is silent with respect to what "detailed information" is provided.

In contrast, Goldberg simply discloses a system for browsing database schema information, and fails to disclose or suggest that it would be desirable to combine the system with a composition builder such as that disclosed by Fowlow. Further, neither Goldberg nor Fowlow discloses or suggests that it would be desirable to automate the identification of the data schema or creation of the typed dataset.

It is suggested that the general recitation of "detailed information" in Fowlow is insufficient motivation to combine Goldberg with Fowlow. Any such combination is based on impermissible hindsight. MPEP 2145(X)(A). Reconsideration and allowance of claim 1, as well as claims 2 and 31 that depend therefrom, are therefore requested.

Claim 7 recites identifying data schema associated with the server processing resource added to the programmable data object in response to the server processing resource being dropped in the visual design surface module, and creating a typed dataset containing data structures corresponding to the data schema associated with the server processing resource. Claim 7 is therefore allowable for at least similar reasons to those provided above. Reconsideration and allowance of claim 7, as well as claims 8 and 32 that depend therefrom, are respectfully requested.

Claim 13 recites identifying data schema associated with the server processing resource added to the programmable data object in response to the server processing resource being dropped in the visual design surface module, and creating a typed dataset containing data structures corresponding to the data schema associated with the server processing resource.

Claim 13 is therefore allowable for at least similar reasons to those provided above. Reconsideration and allowance of claim 13, as well as claims 14 and 33 that depend therefrom, are respectfully requested.

Claim 19 recites a command adapter function generation module for generating a data processing object associated with the drag and drop of a server resource, and a typed dataset generation module for generating typed dataset object associated with the drag and drop of a server resource. Claim 19 is therefore allowable for at least similar reasons to those provided above. Reconsideration and allowance of claim 19, as well as claims 20-27 and 34 that depend therefrom, are respectfully requested.
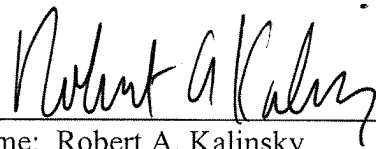
III. Conclusion

The remarks set forth above provide certain arguments in support of the patentability of the pending claims. There may be other reasons that the pending claims are patentably distinct over the cited references, and the right to raise any such other reasons or arguments in the future is expressly reserved.

Favorable reconsideration in the form of a Notice of Allowance is respectfully requested in view of the above amendments and remarks. Please contact the undersigned attorney with any questions regarding this application.

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